

Lab Assignment 1 (sequential statements)

1. Write a program to display following in the monitor.

Nagarjuna College

2. Write a program to display following in the monitor.

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Hariharbhawan Kathmandu

3. Write a program to display following in the monitor.

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NCCS College, Paknajol

4. Write a program to find and display the sum of two numbers.
5. Write a program that
- Read two numbers from keyboard.
 - Find sum, difference, multiplication and division
 - Display each of above result
6. Write a program to calculate the simple interest
- Enter value of P, T, R from keyboard
 - Find simple interest. Formula:: $\text{interest} = (P * T * R) / 100$
 - Display the simple interest
7. Modify the above program to find and display the total amount
Formula: $\text{Amount (A)} = P + I$
8. Write a program to convert the temperature entered in Fahrenheit into degree Celsius
Formula:: $\text{centigrade} = (\text{fahrenheit} - 32) / 1.8$
9. Write a program to calculate the value of $\sin(x)$, $\cos(x)$ and $\tan(x)$, where x is an angle.
10. Write a program to calculate the area and perimeter of a circle.
- Enter radius from keyboard.
 - Calculate and display area
 - Calculate and display perimeter

11. Write a program to calculate area of a rectangle.
 - Enter length and breadth from keyboard
 - Find and display the area
12. Write a program to calculate surface area and volume of a cube.
 - Enter the length of a side from keyboard
 - Calculate and display surface area
 - Calculate and display volume
13. Write a program to enter a 4 digit number from the keyboard and then find and display the reverse of that number.
14. Write a program to enter 5 numbers from the keyboard, Find sum and average and display them.
15. Write a program that reads marks of 3 subjects from keyboard, Find Total and percentage and display them.
16. Write a program to convert number of days into number of months and days
 - Enter number of days from keyboard
 - Convert this number of days into number of months and days and display.e.g. 54 days = 1 month 24 days
17. Write a program to evaluate following expressions
P= a*b-c/d //a=4 b=12 c=4 d=2
P= ++a*b/c
P=a*b++/c